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DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



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3/27/06

To: Randy Roost via Kristen Philip

From: Bob Babcock

Randy: can you put my name and some ID next to it in the article in case someone wants to contact me...thanks

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## AWWA MI Section

### Water Security Committee

Hurricane Katrina: we can't  
predict...but, we can prepare



- I. Mark Your Calendars for the Water Security Summit: Monday 6/5/06 at MSU's Henry Center
  - a. For details, check the AWWA MI Section brochure which describes this conference or check the AWWA MI Section web site.
  - b. The following is the agenda for this conference:

AWWA MI Section Security Committee, **Michigan Water Utility Security Summit**

“Drinking Water & Public Health Preparedness”, Monday 6/5/06

Michigan State University – Henry Center: 3535 Forest Rd., Lansing, MI

8:30am – 9:00am: Registration

9:00am – 9:10am: Introduction: Charles Groover, Spalding DeDecker & Associates, Chair, AWWA MI Section Security Committee

9:10am – 9:25am: Michigan Water Security Program Update: Robert Babcock, MDEQ Water Bureau Security and Emergency Response Coordinator

9:25am – 9:55am: 51<sup>st</sup> Civil Support Team (CST): What We Can Do for You, Michigan National Guard, Major Jason Awadi (communications and lab vehicles demo)

09:55am – 10:25am: Networking Break

10:25am – 10:55am: Public Health Issues and the US EPA National Drinking Water Advisory Council's Water Security Report: Dr. Rebecca Head, Monroe County Health Department Director/Health Officer

10:55am – 11:25am: Real Time Distribution System Water Quality Monitoring: Sumedh Bahl, Manager, City of Ann Arbor Water Treatment Services

11: 25am – 12:00 noon: Speaker Panel Discussion: Emergency Preparedness and Public Health and Your Water Security Program?

12:00 noon – 1:00pm: Lunch

1:00pm – 1:40 pm: Water Security: US EPA Follow-up to NDWAC Recommendations: Curt Baranowski, Acting Associate Director, US EPA Water Security Division

1:40pm – 2:10pm: Table Top Exercise: How Do You Do One?: Mike Kovach, Camp Dresser & McKee (CDM)

2:10pm – 2:50pm: Health Department communications with public water systems: Dr. Rebecca Parkin, Associate Dean for Research and Public Health Practice, School of Public Health and Health Services, The George Washington University Medical Center

2:50pm – 3:05pm: Break

3:05pm – 3:35pm: MIHAN: Michigan Health Alert Network update: Michigan Dept of Community Health: William Colville, Health Alert Network Coordinator, Office of Public Health Preparedness

3:35pm – 4:05pm: Speaker Panel Discussion: Where do we go from here?

4:05 pm: Adjourn

- II. Real Time Monitoring: ASCE/AWWA/WEF report: Interim Voluntary Guidelines for Designing an Online Contaminant Monitoring System [12/9/04]
- a. "...From the limited empirical studies done and reported to date, it is recommended that for water supply, the candidate instrument suite should include instruments to measure:
    - Flow/pressure
    - Temperature
    - pH
    - conductivity
    - residual chlorine
    - turbidity
    - TOC
    - ORP
    - Ammonia, chloride and nitrate
    - Toxic materials (for example, a toximeter)
    - Radiation (alpha, beta, and gamma)."
  - b. Section 4 is titled Selection and Siting of Instruments and Platforms and perhaps is the most useful regarding real-time monitoring.
  - c. The web address for this document is [http://www.michigan.gov/deq/0,1607,7-135-3313\\_23413---,00.html](http://www.michigan.gov/deq/0,1607,7-135-3313_23413---,00.html) , the MDEQ Water and Wastewater Security web site. The ASCE document is the first one under 'downloads'. It's a big document – 558 pages, so be aware it takes a while to upload and print.
- III. According to US EPA, 8 Elements of a Water Security Program includes:
- (1) the purchase and installation of equipment for detection of intruders;
  - (2) the purchase and installation of fencing, gating, lighting, or security cameras;
  - (3) the tamper-proofing of manhole covers, fire hydrants, and valve boxes;
  - (4) the re-keying of doors and locks;

- (5) improvements to electronic, computer, or other automated systems and remote security systems;
- (6) participation in training programs, and the purchase of training manuals and guidance materials, relating to security against terrorist attacks;
- (7) improvements in the use, storage, or handling of various chemicals; and
- (8) security screening of employees or contractor support services.

#### IV. Influenza Business Continuity Planning

- a. How does a public water system operate if 30 % of their employees are absent due to sickness for 6 weeks?
- b. What if numerous systems, eg, transportation, commerce, utilities, and public safety were not operating normally due to illness.
- c. These and other difficult issues are outlined in the Water ISAC document titled Business Continuity Planning in the Event of an Influenza Pandemic: A Reference Guide. Water ISAC's web address is <http://www.waterisac.org/> .